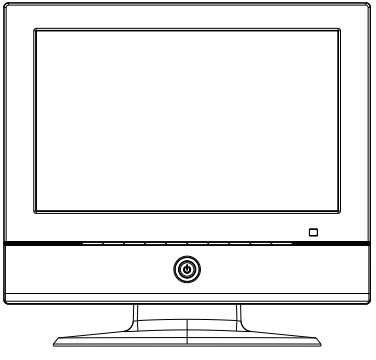
DENVER®

MODEL TFD-1020DVBT

10" LCD TV DVD Combo

DVB T



COMPACT disc DIGITAL AUDIO

MP3 CD PLAY BACK

JPG VIEWER

DVD VIDEO™

MPEG4 VIDEO

DOLBY DIGITAL

2

CE

OWNER'S MANUAL

Table of Contents

Contents

Table of Contents 1

Safety Precautions 2

Box Contents 3

Identification of Controls 4-7

Main Unit 4
Remote control unit 5
Insert the remote control battery 6
System Connections 6-7

Getting Started 7-12

Pewer Suppiy Preparation 7-8
Rechargeable Battery 8
Turning on the unit 8
TV Setup Menu 9
TV menu (only if switched to TV mode) 10
Playing a DVD or Video CD(Operation) 11-12

Basic operation 13-18

Audio CD and MP3/WMA Disc Features 13
Playing an Audio CD or MP3/WMA 13
Playing a JPEG Disc 14
Playing a DVD VR format Disc 15
Playing a MPEG4 Movie Disc 15
Program playback(not for Picture CD/MP3) 16
DIGITAL CARD and USB Device operation 17

SETUP Menu Setting(DVD/DVB) 18-23

General Operation 18
General Setup Page 18-20
Speaker Setup Page 20
Dolby Digital Setup 21
Preference Page 21-23

DVB-T Introduction 23-27

Area / Time Zone / Parental Age 23
Auto Scan 23
Manual Scan 24
Teletext 24
EPG 25
Reserve Channel 25
Channel Remap 25
Adjust Channel 26
OSD 26

Information on disc compatibility 27

Troubleshooting 28

Technical specifications 29

Safety Precautions

Before using your TV, plesse read these instructions completely, and keep this manual for future reference.
Carefully observe and comply with all warnings, cautions and instructions indicated on the unit or descrbed in the owner s manual.

The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product enclosure that may be of dufficient magnitude to constitute a risk of electric shock to persons.

The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

If at any time in the future you should need to dispose of this product please note that waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)

This unit complies with the relevant European safety, electrical interference and dangerous substances directives.

DOLBY DIGITAL
Manufactured under license from Dolby Laboratories. "Dolby" "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

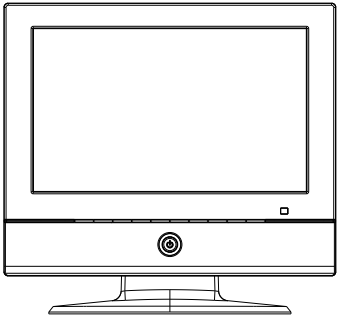
The power cable/disconnect device shall remain easy to operate/ disconnect.

NOTES:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Maintain well-ventilated conditions around the product. Do not put the product on a bed, sofa or anything that blocks ventilation. Install according to the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Read and follow all instructions to ensure correct and safe installation and interconnection of the apparatus.
10. The apparatus must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, must be placed on the apparatus.
11. The mains socket-outlet must be installed near the apparatus and the mains plug should remain readily operable.
12. Protect the power cord from being walked on. Pay particular attention to the AC adapter and connections.
13. Only use mounting systems specified by the manufacturer.
14. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, exercise caution when moving the cart/apparatus combination to avoid injury from tip-over.
15. Unplug the apparatus during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, for example if the power-supply cord or plug is damaged, liquid has been spilled on or objects have fallen into the apparatus, if the apparatus has been exposed to rain or moisture, if it does not operate normally, or if it has been dropped.

Note: Do not touch the colour TFT LCD screen directly.

Box contents



TV set

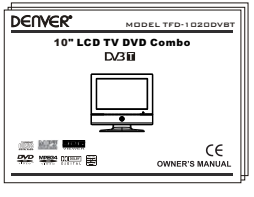
Remote control

External TV Antenna

Audio/Video cable

AC/DC Adapter

Car Adaptor

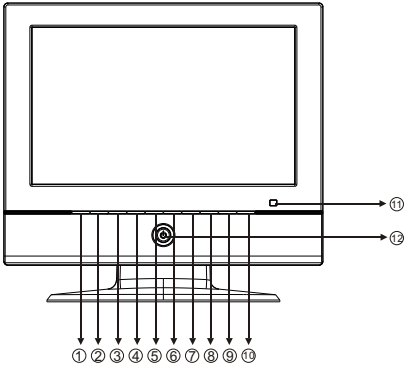


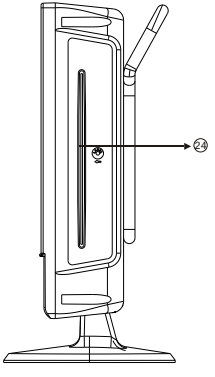
This User Guide

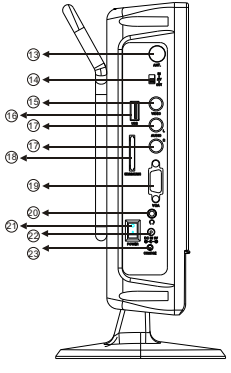
If any of the accessories are missing, contact your dealer as soon as possible. Keep all the original packaging in case you need to return the set to the dealer

Identification of Controls

Main Unit







1. SOURCE

2. SCAN :TV or DVB scan

3. MODE
Enter TFT setup menu and TV setup menu in TV mode.

4. CH-/▼(Down)

5. CH+/▲(Up)

6. VOL-/◀(Left)

7. VOL+/▶(Right)

8. SETUP: Enter DVD setup menu

9. ENTER.

10.EJECT: Open/Close disc.

11. Remote sensor.

12. ⏻ Standby/on led indicator

13.ANT: antenna input.

14.IN AV OUT: AV out/in switch

15.VIDEO: Video input/output.

16.USB: USB port.

17.AUDIO: Audio input/output.

18.SD/MMC/MS: card slot.

19.VGA: VGA input.

20.Headphones jack.

21.POWER: power switch.

22.DC IN 9V: DC input.

23.CHARGE: Charge indicator, Red is charge, Green is full.

24. Disc in/out.

Identification of Controls

Remote control unit

1.MUTE
Disable Audio output.

2. POWER
Switches Player ON and Standby.

3.0-9 NUMBER BUTTON
Selects number, such as a TV channel.

4.SUBTITLE
Selects a subtitle language.

5.ANGLE/TTX
Selects a DVD camera angle if available in DVD mode. Teletext key in DVB mode.

6.TITLE
Return to DVD title menu.

7. CH+/-(▲▼)
Channel up/down, cursor for OSD menu.

8. VOL+/-(◀ ▶)
Volume up/down, cursor for OSD menu.

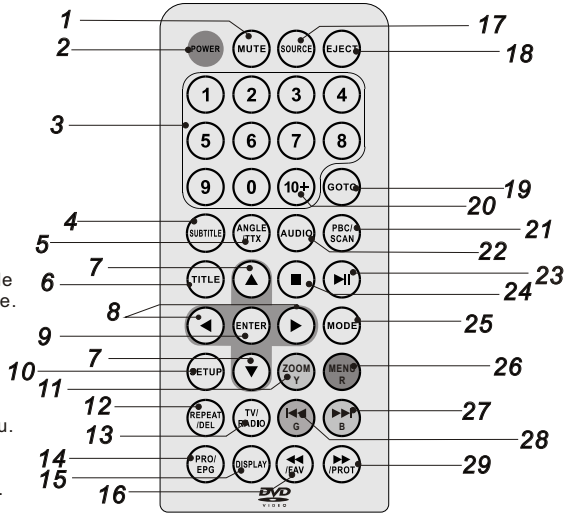
9.ENTER
Confirms menu selection.

10.SETUP
Enter or exit setup menu.

11.ZOOM
Enlarges video image.

12.REPEAT/DEL
Repeat chapter, title, all in DVD mode.
Delete channel in DVB mode.

13.TV/RADIO(DVB only)
Switch TV and Radio channels.



14. PRO/EPG
Program in DVD mode.
EPG(Electronic program guide) in DVB mode.

15.DISPLAY
Accesses On-Screen display.

16. ◀◀ /FAV
Fast backward in DVD .Set favourite channel in DVB mode.

17.SOURCE
Select DVD/USB/CARD/DVBT/TV in AV out mode select VGA(PC)/AV IN in AV in mode.

18. EJECT
Open/Close disc.

19.GO TO
Goto time point, title or chapter you want.

20.10+ BUTTON
Add 10+ to your selection with more than one-digit.

21. PBC/SCAN
PBC on/off switch in VCD mode.
Scan key in DVB mode.

22.AUDIO
Selects an audio language.

23. PLAY/PAUSE (▶II)
Starts or pause playback(DVD only).

24. STOP (■)
Stops playback(DVD only).

25.MODE
Enter the TV setup menu.

26.MENU
Accesses menu on a DVD disc.
Return to PBC menu on a VCD disc.

27. Reverse Skip (I◀◀)
Go to previous chapter / track or to the beginning(DVD only).

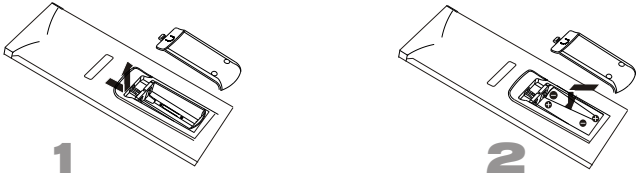
28. Forward Skip(▶▶I)
Go to the next chapter / track(DVD only).

29. ▶▶ /PROT
Fast forward in DVD. Set protect channel in DVB mode.

Insert the remote control battery

1.Open the battery door.

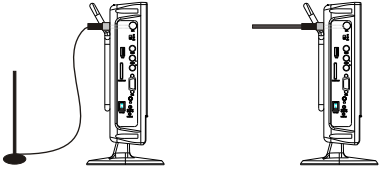
2.Insert two AAA size batteries with correct polarity marked inside the compartment.



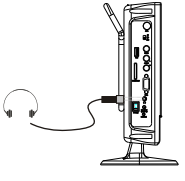
- For the best results,aim the remote towards at the player's remote sensor within 5 metres and angles of 60 degrees or less.
- Under normal use the battery will last for one year.
- Remove battery when you are not using the DVD player for a long time.
- Precautions when using batteries
  1. Use only the size and type of batteries specified.
  2. Do not mix different types of batteries together or old batteries with fresh ones.
  3. Exhausted batteries have to be removed to prevent possible battery leakage.
  4. Dispose of batteries properly according to environmental regulations.

System Connections

- **Before you begin:**
  Do not connect the power cord until all other connections to this player have been made.
  Ensure that you observe the colour coding of cables when connecting audio and video devices.
- **Connecting to an aerial or the external TV antenna:**
  This unit is equipped with a multi-standard tuner. Connect your antenna connecter to the aerial input jack on the left side of the player. Or you can also connect to the external antenna (supplied) as shown below:



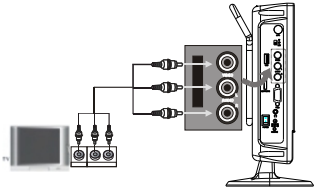
- **Connecting to headphones**
  Connect the headphones to the headphone jack on the left side of the player, as shown below:
  When headphones are connected the speaker output will be turned off automatically. Prolonged use of headphones at full volume may damage your hearing.



System Connections

Connecting to External TV

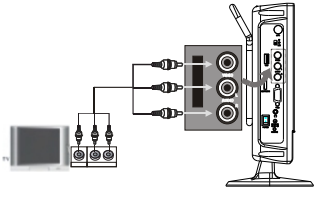
Use the AV cables to connect the external TV set to the AV input jacks on the left side of the unit, as shown below:



In DVD mode, set AV IN/OUT switch to OUT to output AV signal to the external TV.

Connecting External A/V Sources to the appliance

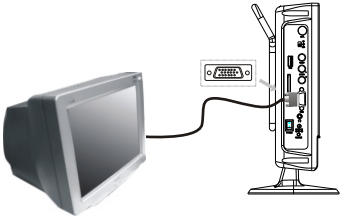
Refer to your audio equipment's manual before connection.
Use the AV cables to connect the external A/V sources to the AV input jacks on the left side panel of the unit, as shown below:



In DVD mode, set AV IN/OUT switch to OUT to output AV signal to the external A/V sources.

Connecting to a PC

Use the Mini D-Sub 15 Pin cable (not Supplied) to the connect the PC and the VGA input jack on the left side of the unit, as shown below:



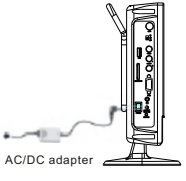
set AV IN/OUT switch to IN to input AV signal from the PC.

Power Supply Preparation

Using the AC Adapter

The player is supplied with an AC adapter for powering the unit and charging the battery.

1. Connect AC adapter to the left side of the unit in the jack marked DC 9V IN as shown on the right.
2. Plug the power cord into a wall AC outlet. The ⏻/on led indicator lights up. The indicator is red.



AC/DC adapter

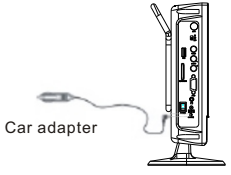
Note:

1. Turn unit's power off before unplugging.
2. In the case of using the adapter, the LCD screen will be brighter than using the rechargeable battery.

Power Supply Preparation

- **Using the Car Adapter**
  The unit is supplied with a Car Adapter for powering the unit and charging the battery in a vehicle.

  Connect the car adapter power plug to the unit's DC IN 9V jack and the other end to the vehicle cigarette lighter socket as shown on the right.



Attention

Do not operate the unit or view video while driving a vehicle.
Place the unit in a proper position for viewing.

Rechargeable Battery

- **Replacing the fuse of the car adapter.** Make sure the amperage matches the specified value when replacing the fuse. If the fuse is blown, check the power connection and replace with a new one. If some problems occur, there must be a malfunction. In such cases, please consult the nearest repair center.
- **Warnings:**
  Never use the fuse with a rated amperage over the one specified, otherwise you may damage the unit.

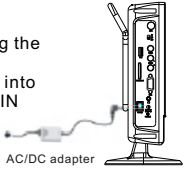
- **About Rechargeable Battery Pack**
  The Unit includes a built-in lithium rechargeable battery. Charge the battery fully before initial use. Charging time is normally about 5 hours. A fully charged battery delivers about 3 hours of use but playing time varies from disc to disc. If the battery will not be used for a long period of time, charge the battery up to 30%~60% of its capacity before storage.

Working conditions and precautions for the rechargeable battery

New battery should be fully charged before initial use.
Battery should only be used and charged when temperature is between 32-100F.
Never put the battery in fire or water.
Do not expose the battery to high temperature or store in hot, sunny place.
Maintain well-ventilated conditions around the product to avoid overheating. Don't put the product on a bed, sofa or anything that may block ventilation to the product.
Do not short the battery terminals.
Do not open the battery.
When charging the battery pack, the charge light will turn red,
When the charging is complete, the light will turn green.
When the battery is weak, low power indicator will appear on the LCD screen. The player will turn off automatically several minutes later.

Charging the Battery

The built-in battery can be charged by using the supplied AC Adapter.
1. Plug one end of the supplied AC Adapter into the unit's power jack marked with DC 9V IN which is located on left side of the Player.
2. Plug the other end of the AC Adapter Cord into a wall AC Outlet.



Turning On the Unit

Before Operation:
1. Connect the aerial cable or input source to the antenna input socket at the left side of the set.
2. After connecting the power supply and switching the power switch to I , turn the unit on, by pressing the ⏻ button on the front panel or the remote control, the ⏻/on led indicator will turn to blue.
3. Use the SOURCE button to select the source: TV/DVD/USB/CARD/ DVBT in AV OUT mode or VGA in AV in mode.
4. To Switch the set to standby mode, press the ⏻ button and the ⏻/on led indicator will turn red.
5. To turn off the unit, switch the Power switch to o .
6. If you are not going to use the set for a long time, switch the power off completely by unplugging the power supply cable.

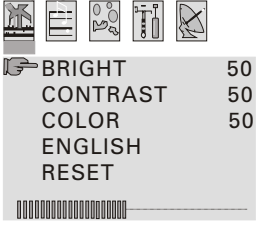
TV Setup menu

- To enter the TV Setup menu, press the "MODE" button. To exit the TV Setup menu, press it repeatedly.

General operation

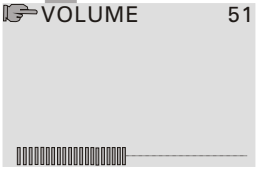
1. Press the MODE button repeatedly to display the menus in the following order:
   PICTURE->VOLUME->OPTION-> SYSTEM-> PRESET
2. To select a menu item, press the ▲▼ buttons to scroll up and down the list.
3. When a menu item is highlighted, use the ◄► buttons to adjust the setting.

PICTURE



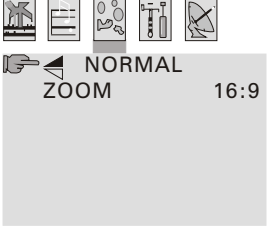
BRIGHT:
Adjusts the brightness of the picture
CONTRAST:
Adjusts the contrast of the picture
COLOR:
Adjusts the colour of the picture
ENGLISH:
Select the On-Screen-Display, language.
RESET:
Reset to the default settings.

VOLUME



VOLUME: Adjusts the VOLUME of the sound.

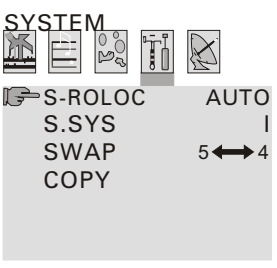
OPTION



NORMAL: Rotate the picture upside down.
ZOOM: select the aspect ratio: 16:9 or 4:3.

- **VGA and AVIN input**
  VGA: support 800x600x(60)HZ
  AV IN: Support PAL and NTSC input.

TV menu (only if switched to TV mode)



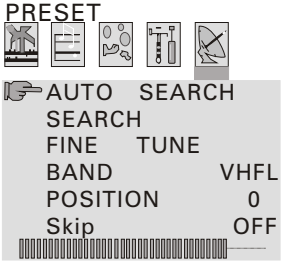
S-ROLOC:select a color system: AUTO,PAL,SECAM

S.SYS: select a sound system: I, L,BK,DK

SWAP: Use the ▲▼ buttons to highlight SWAP The current channel eg. 4 will display on the right.Then, use the ◀ ▶ buttons to select the channel you want to swap, eg 5 .

Press the ▼ button to highlight the currrent channel 4 and then press the ▶ button to swap.

COPY: Follow the steps in SWAP to copy the current channel to the other channel.



AUTO SEARCH: Press the ▶ button and then the unit will search for available TV Channels from channel 0 automatically.

When it finds a station, it will automatically store in the first location and move to the next.

During autosearch, you can press the ▶ button to stop.When autosearch is complete, the unit will display the first station found.

SEARCH: Search for a station manually.

Press the ◀ or ▶ button once and the unit will search for a station.

FINE TUNE: Use the ◀ ▶ buttons to search forward and backward to improve reception if necessary.

BAND: Select the frequency band: VHF,VHFL,VHFH

POSITION: Select a channel

SKIP: When you turn on the function, the current channel will be skipped when you select the channels using the CH +/- buttons. You can still select the channel .you have skipped using the number buttons.

Playing a DVD or Video CD(Operation)

- **Playback Setup** DVD

1. Set the power switch to I at the left side of the unit.

2. Press SOURCE to select DVD mode, and insert your disc, with the playback side facing back. It will be loaded automatically.

3. To eject the disc, press the EJECT button.

- Use the ▲▼◄► buttons to select the title/chapter you want to play, then press ENTER to start. Press MENU to return to the menu.

- VCD

Use the number buttons to select the track you want to play and press MENU to return to the menu (PBC on only).
Menu settings and operating procedures may differ. Follow the instructions on each menu.

Notes:
1. If the parental control is set and the disc isn't fit for the rating setting, you must input the password. (See "**PARENTAL**").

2. DVDs may have a region code. Your player does not play discs that have a region code different from your player.

3. Unless stated otherwise, all operations described are used the remote control. Some features may also be available on the setup menu.

- **Skip to another CHAPTER/TRACK** DVD VCD

When a title on a disc has more than one chapter or a disc has more than one track, you can skip to another chapter/track as follows:
1. Press ⏮ or ⏭ briefly during playback to select the next (or previous) chapter/track or to return to the beginning of the current chapter/track.

2. Press ⏮ twice briefly to skip back to the previous chapter/track.

3. To go directly to any chapter during DVD playback, input the chapter/track number.

- **Changing the Audio Channel** VCD

Press AUDIO repeatedly during playback to select a different audio channel (Stereo, Left Mono, Right Mono or MIX-Mono).

- **Repeat** DVD VCD

You can play a title/chapter(track)/all on a disc repeatedly.
Press REPEAT during playback to select a desired repeat mode.

- **DVD Video Discs - "Repeat Chapter / Title/Off"**

Chapter: repeats the current chapter.
Title: repeats the current title.
All : repeats all on a disc.
Off : does not play repeatedly.

- **Video CDs, discs - "Repeat Track/All/Off"**

Track : repeats the current track
All : repeats all the tracks on a disc.
Off : does not play repeatedly.

Notes:
1. On a Video CD with PBC, you must set PBC to Off to enable the repeat function.

- **Zoom** DVD VCD

Use zoom to enlarge or reduce the video image:
1. Press ZOOM during playback or still playback to activate the Zoom function. The square frame appears briefly in the right bottom of the picture.
2. Each press of the ZOOM button changes the TV screen in the following sequence:

2X size → 3X size → 4X size → 1/2 size → 1/3 size → 1/4size→normal size

3. Use the ▲▼◄► buttons to move the zoomed picture.
4. To resume normal playback, press ZOOM button repeatedly until the picture size returns to normal.

Playing a DVD or Video CD(Operation)

Note: Zoom may not work on some DVDs.

- **Special DVD Features- Checking the contents of DVD discs:**
  Menus DVDs may offer menus that allow you to access special features. To use the disc menu, press MENU. Input the corresponding number or use the ▲▼◄► buttons to highlight your selection. Then press ENTER.

- **MENU**
  1. Press MENU. If the current title has a menu, the menu appears on the screen. Otherwise, the disc menu may not appear.
  2. The MENU offers features such as camera angles, spoken language and subtitle options, and chapters for the title.
  3. Press MENU to exit.

- **Camera Angle** DVD
  If the disc contains scenes recorded at different camera angles, you can change to a different camera angle during playback. Press ANGLE repeatedly during playback to select a desired angle. Note that the number of the current angle appears on screen.

Note:
The angle indicator will appear on the TV screen during scenes recorded at different angles as an indication that angle switching is possible.

- **Changing the Audio Language** DVD
  Press AUDIO repeatedly during playback to select a different audio language or audio track. With DVD-RW discs recorded in VR mode that have both a main and a Bilingual audio channel, you can switch between Main (L), Bilingual (R), or a mix of both (Main + Bilingual) by pressing AUDIO.

- **Subtitles** DVD
  Press SUBTITLE repeatedly during playback to select the different subtitle languages.

- TITLE button DVD
  DVD disc:
  Press TITLE button to display the DVD menu or titles available on the disc. Then you can use " " and ENTER button to select programs.

- Disc
  The DVD player can play CD and MP3/WMA formatted recordings on CD-R, CD-RW, DVD±R and DVD±RW discs.

- Audio CD
  Once an Audio CD is inserted it will be played automatically. Press the DISPLAY button to display playback information on screen, such as track elapse time.

MP3/WMA Disc Features

- MP3 / WMA
  1. Press ▲▼ buttons to select a folder, and press ENTER to enter the folder contents.
  2. Press ▲▼ buttons to select a track then press ▶II or ENTER. Playback starts.

- MP3 / WMA disc compatibility with this player is limited as follows:
  1.Sampling frequency: within 8 - 48 kHz(MP3),within 32 - 48kHz (WMA).

  2.Bit rate: within 8 - 320kbps(MP3),32 - 192kbps (WMA).

- The player cannot read an MP3 / WMA file that has a file extension other than MP3/WMA.

  CD-R physical format should be ISO 9660.

- If you record MP3/ WMA files using a software that cannot create a file system (eg. Direct-CD) it is impossible to playback MP3/WMA files.We recommend that you use Easy-CD Creator,which creates an ISO 9660 file system.
- File names should have a maximum of 8 letters and must incorporate an" .mp3" or" .wma" extension.

- They should not contain special letters such as "/? * : <> I "etc.

- The total number of files on a disc should be less than 650.

- This DVD player requires discs and recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats(including CD-R containing MP3 or WMA files) and these require certain pre-existing conditions (see above) to ensure compatible playback.

- Customers should note that permission is required in order to download MP3 / WMA files and music from the Internet. Our company has no right to grant such permission. Permission should always be sought from the copyright owner.

Playing an Audio CD or MP3/WMA

- **Pause** CD MP3 WMA
  1. Press ▶II during playback.

  2. To return to playback, press ▶II again.

- **Skip to another Track** CD MP3 WMA
  1. Press ⏮ or ⏭ briefly during playback to go to the next (or previous) track or to return to the beginning of the current track..

  2. Press ⏮ twice briefly to go back to the previous track.

  3. You can play any track by inputting its number.

- **Repeat Track/Folder/All/Off** CD MP3 WMA
  You can play a track/folder/all on a disc.

  1. Press REPEAT when playing a disc. The repeat icon appears.

  2. Press REPEAT to select a desired repeat mode.
     For CD,
     Track: repeats the current track.
     All: repeats all the tracks on a disc.
     Off(No display): normal playback.

- For Mp3 and WMA,
  SINGLE: play the current track only.
  REPEAT ONE: repeat the current track.
  REPEAT FOLDER: repeat the current folder.
  FOLDER: play the current folder only.
  SHUFFLE: play randomly.
  RANDOM: play randomly and repeat.

Playing a JPEG Disc

- **Viewing a JPEG Disc**
  Using this DVD Player you can view Kodak PICTURE CDs and discs
- with JPEG files.
  1.Insert a disc. The file menu appears on the TV screen .
  2. Press the ▲▼ buttons to select a folder, and press ENTER. A list of files in the folder appears.
  3. If you want to play a particular file, press then ▲▼ buttons to highlight the file and press ENTER or ▶II .
  4.If it is a Kodak Picture CD it will be played automatically.

- **NOTE:**
  Press" ▶▶I " to move to the next page ," I◀◀ " to return to previous folder , and " MENU" return to menu.

Zoom JPEG
1.Press 'ZOOM' .
2,Used "▶▶ "to enlarge,or "◀◀ " to reduce the picture.

- **To rotate picture**
  Press the ▲▼◀▶ buttons or during showing a picture to rotate the picture clockwise or counter clockwise.

- **View the contents in thumbnail mode**
  when a JPEG disc is played,press the ■ button to display JPEG pictures in thumbnail mode.Use the ▲▼◀▶ buttons to select the picture and press the ENTER button to play. Also, you can select Slide Show , Menu (remote control key function) or Prev Next (previous or next page).

- **JPEG disc compatibility with this player is limited as follows:**

  1.Depending upon the size and number of JPEG files, it could take a long time for the DVD player to read the disc s contents. If you don t see an on screen display after several minutes, some of the files may be too large. Reduce the resolution of the JPEG files to less than 2M pixels as 2760 x 2048 pixels and burn another disc.

  2.The total number of files and folders on the disc should be less than 650.Some discs may be incompatible due to a different recording format or the condition of disc.Ensure that all the selected files have the." jpg" extensions when copying into the CD If the files have. "jpeg" extensions, please rename them as."jpg" file.File names without."jpg" extension will not be able to be read by this DVD player. Even though the files are shown as JPEG image files in Windows Explorer.

Basic operation

Playing a DVD VR format Disc

- This unit will play DVD-R/RW discs recorded using the DVD-Video format that have been finalized using a DVD-recorder.
- This unit will play DVD-RW discs recorded using the Video recording (VR) format.

  1. Insert a disc .The DVD-VR menu appears on the TV screen.

  2. Press ▲ /▼ to select a track then press ▶II or ENTER and playback starts.

Note:
Unfinalized DVD-R/RW discs cannot be played in this player.Some DVD-VR disc are made with CPRM data by DVD RECORDER. Player does not support these kinds of discs and display "unknown disc".

- **What is "CPRM"**
  CPRM is a copy protection system (with scramble system)only allowing the recording of 'Copy once' broadcast programs.CPRM stands for content Protection for Recordable Media.

  This player is CPRM compatible, which means that you can record copy-once broadcast programs, but you cannot then make a copy of those recordings.CPRM recordings can only be made on DVD-RW discs formatted in VR mode,and CPRM recordings can only be played on players that are specifically compatible with CPRM.

Playing a MPEG4 Movie Disc

- Using this DVD Player you can play MPEG4 disc.
  1. Insert a disc .The folder menu appears on the TV screen.

  2. Press the ▲▼ buttons to select a folder, and press ENTER. A list of files in the folder appears.

  3. If you want to play a particular file, press the ▲▼ buttons to highlight the file and press ENTER or ▶II .

  4. Press the ■ button to exit.

  5.Press NEXT ▶▶I to move to the next page.

- **MPEG4 disc compatibility with this player is limited as follows:**

  1.Available resolution size of the MPEG4 file is under 720x576 (W xH) pixel.

  2.The file name of the MPEG4 subtitle is available by 56 characters.

  3.If there is on code to express in the MPEG4 file, it may be displayed as "_ "mark on the display.

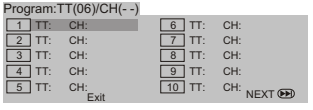
- **If the number of the screen frame is over 30 per second,this unit may not operate normally.**
- **If the video and audio structure of recorded file is not interleaved, either video or audio is outputted.**
- **Playable MPEG4 file**
  ".avi ", ".mpg", ".mpeg".
- **Playable Audio format**
  "AC3 ", "PCM", "MP3 ","WMA ".Sampling frequency: within 8 - 48 kHz (MP3),within 32 - 48kHz (WMA) Bit rate: within 8 - 320kbps (MP3), 32 - 192kbps (WMA)

Program playback(not for Picture CD/MP3)

DVD/VCD/CD

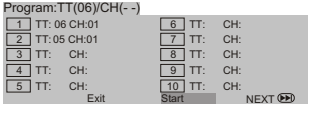
The program function enables you to select your favourite titles, chapters or tracks and play them in a favourite order.

1. Press PROG while the disc is playing
The program menu appears.

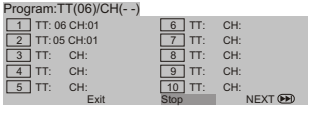


2.Use the number buttons (0-9) to input the titles, chapters or tracks.
You can use the ▲▼◄► buttons to move to another field and re-enter the title and chapter(or track).
You can also move to "EXIT", "START", or "NEXT"/"PREV", and press the ENTER button to confirm.

3.Move to "START" to start programmed playback.



4. To resume normal playback from programmed playback, Press PRO Gand move to "STOP" on the program menu. Press the ENTER button to stop programmed playback.



Notes:
- Program can be activated only when a disc is in the DVD player.

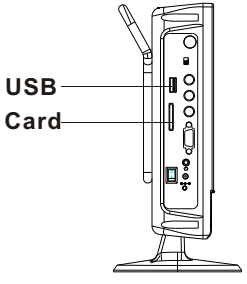
- When the program menu appears, the setup menu setting is not allowed.

DIGITAL CARD and USB Device operation

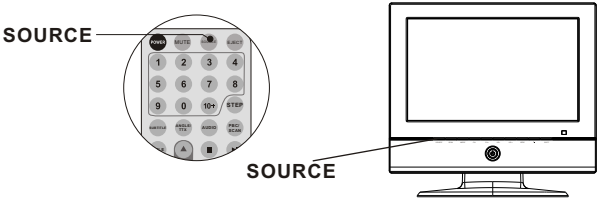
- Digital cards (MMC/SD/MS) and USB device with MP3&Pictures (.jpg) may be played through the unit.

How to select USB/SD/MMC/MS.

1. Turn the unit on.
2. Insert either a USB device or a SD/MMC/MS card into the USB port or the card slot located on the left hand side of the appliance.

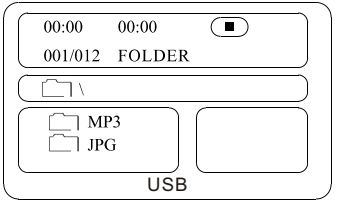


3. Press the "SOURCE" button to select USB or CARD mode, if more than one media is inserted.



How to play USB/SD/MMC/MS

An example of USB mode menu as following:



Playing operations are the same as playing a Mp3 disc.

SETUP Menu Setting(DVD/DVB)

General Operation&General Setup Page

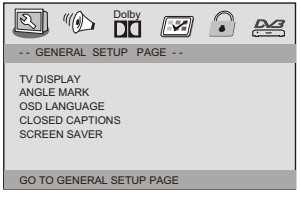
General Operation

1.Press SETUP to enter the Setup Menu.
2.Press ENTER to enter the next level submenu or confirm your selection.
3.Press ◄► to enter the submenu or reture to the previous menu
4.Press ▲▼ to highlight the menu item.

To exit from the menu
Press SETUP to exit and the settings will be stored in the player's memory even if the player is switched off.

General Setup Page

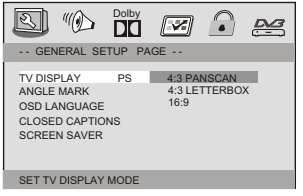
The options included in General Setup page are:"TV DISPLAY", "ANGLE MARK","OSD LANGUAGE","CLOSED CAPTIONS", "SCREEN SAVER",Follow the steps below:

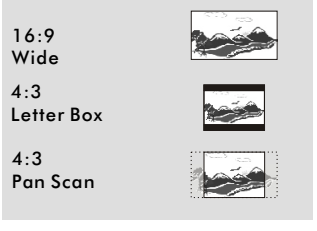


1.Press SETUP to enter the setup menu.
2.Press ◄► to select the 'General Setup page'.

TV Display

Set the aspect ratio of the DVD Player according to your TV.





4:3 PANSCAN
→ If you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.

4:3 LETTERBOX
→ If you have a normal TV. In this case , a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

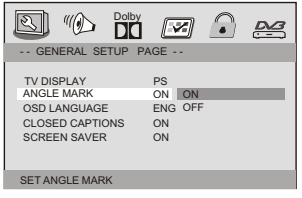
16:9
→ If you have a wide-screen TV,then you can select the item.

SETUP Menu Setting

General Setup Page

ANGLE MARK

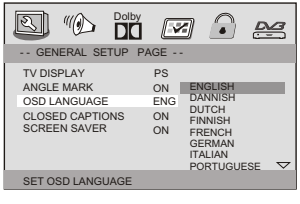
Displays current angle setting information on the right hand corner of the screen if available on the disc.



→ **On**:Enable Angle Mark.
→ **Off**:Disable Angle mark.

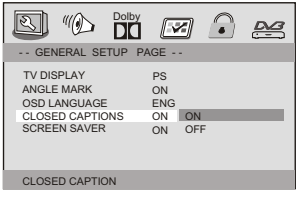
OSD LANGUAGE

You can select your preferred language setting. This DVD system will automatically switch to the selected language whenever you load a disc. If the language selected is not available on the disc, the disc's default language will be used instead.



CLOSED CAPTIONS

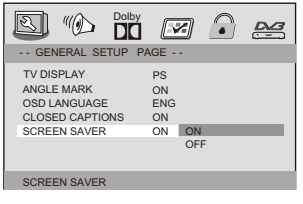
Closed captions are data that are hidden in the video signal on some discs. Captions are different from subtitles because captions hearing are impaired by showing the sound effects (e.g., "phone ringing" and " footsteps"), while subtitles cannot.
Before you select this function, please ensure that the disc contains closed captions information and your TV set also has this function.



→ **On**:Enable Closed Captions.
→ **Off**:Disable Closed Captions.

SCREEN SAVER

This function is used to turn the screen saver On or Off.



→ **On**:In STOP, PAUSE or No DISC mode, if no actions are performed about 3 minutes, the Screen Saver will be activated.
→ **Off**:Screen Saver is disabled.

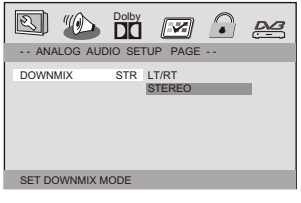
SETUP Menu Setting(DVD/DVB)

Speaker Setup Page

- ***Speaker Setup Page***
  The options included in Speaker Setup Page is 'Downmix'.

1.Press SETUP.
2.Press ◄ ► to select the 'Speaker Setup page'.

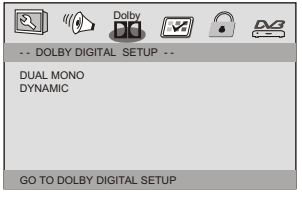
- **DOWNMIX**
  This options allows you to set the stereo analog output of your DVD Player.



→ **LT/RT** :Select this option if your DVD Player is connected to a Dolby Pro Logic decoder.
→ **Stereo** :Select this option when output delivers sound from the two front speakers only.

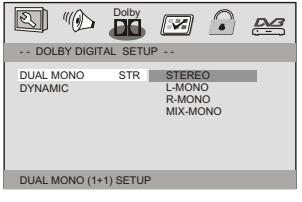
Dolby Digital Setup

- ***Dolby Digital Setup***
  The options included in Dolby Digital Setup are: 'Dual Mono ' and 'Dynamic '.



1.Press SETUP.
2.Press ◄ ► to select the 'Dolby Digital Setup'.

- **DUAL MONO**



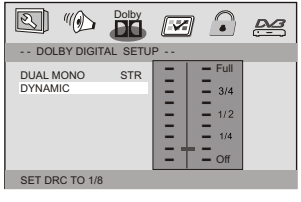
To select the setting that matches the number of speakers you have connected.

SETUP Menu Setting(DVD/DVB)

Dolby Digital Setup

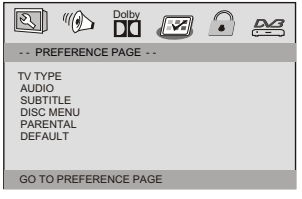
→ **Stereo**:Left mono sound will send output signals to Left speaker and Right mono sound will send output signals to Right speaker.
→ **L-Mono**:Left mono sound will send output signals to Left speaker and Right speaker.
→ **R-Mono**:Right mono sound will send output signals to Left speaker and Right speaker.
→ **Mix-Mono**:Left and Right mixed mono sound will send output signals to Left and Right speakers.

- **DYNAMIC**
  To optimize the dynamic sound output high volume outputs are softened, enabling you to watch your favourite movie without disturbing others.
  → The levels for dynamic selection:Full,7/8,3/4,5/8,1/2,3/8,1/4,1/8 and Off.



Preference Page

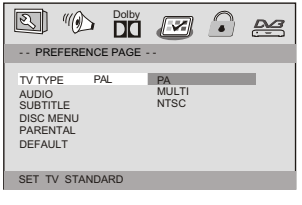
- ***Preference Page***
  The options included in Preference page are : 'TV TYPE', 'PBC','AUDIO','SUBTITLE','DISC MENU','PARENTAL', and 'DEFAULT '.



1.Press SETUP.
2.Press ◄ ► to select the 'Preference Page'.

Note:
Some Preference features can be selected only during 'No Disc' condition or STOP(■) mode.

- **TV Type**
  Selecting the colour system that corresponds to your TV used in AV outputs. This DVD Player is compatible with both NTSC and PAL. In order for a DVD disc to play on this Player, the colour system of the Disc, the TV and the DVD Player should match.



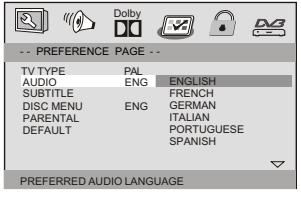
SETUP Menu Setting(DVD/DVB)

Preference Page

MULTI-Select this if the connected TV, is muliti system.
PAL - Select this if the connected TV is PAL system .It will change the video signal of a NTSC disc and output in PAL format.
NTSC-Select this if the connected TV is NTSC system .It will change the video signal of a PAL disc and output in NTSC format.

- **AUDIO,SUBTITLE AND DISC MENU**

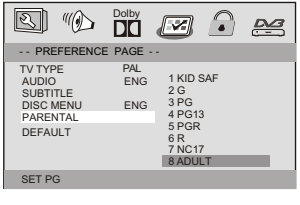
These options set the Audio , Subtitle and Disc menu language .



- 'Audio '(disc's soundtrack)
- 'Subtitle '(disc's subtitles)
- 'Disc Menu'(disc 's menu)

- **PARENTAL**

Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc.This feature lets you set a playback limitation level.The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.
VCD,SVCD,CD have no level indication,so parental control function has no effect on those kinds of discs.



→ DVDs that are rated above the level you selected will not play unless you enter your four-digit password and choose a higher level rating.
→ To disable Parental controls and have all Discs play,choose 'Off'.
Note*:*
- Some DVDs are not encoded with a rating though the movie rating may be printed on the Disc cover. The rating level feature does not work for such Discs.

- **Rating explanations**

1 KID SAF
- Kids material;recommended especially for children and viewers of all ages.

2 G
- General Audience;recommended as acceptable for viewers of all ages.

3 PG
- Parental Guidance suggested.

4 PG13
- Material is unsuitable for children under age 13.

5-6 PG-R
- Parental Guidance-Restricted;recommended that parents restrict children under 17 from viewing or allow to view only when supervised by a parent or adult guardian.

7 NC17
- No children under age 17;not recommended viewing for children under age 17.

8 ADULT
- Mature material;should be viewed only by adults due to graphic sexual material,violence or language.

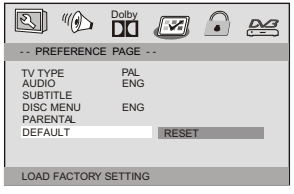
OFF
- It will play all discs.

NOTE:The default password is 1369.

SETUP Menu Setting

Preference Page

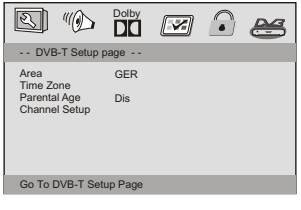
- **DEFAULT**
  Setting the 'Default' function will reset all options and your personal settings to the factory defaults and all your personal settings will be erased.



- PASSWORD SETUP PAGE
  PASSWORD MODE:
  ON: Need to enter password to change the parental level.
  OFF: Disable the password function.
  PASSWORD:
  Set new password.
  Note: The default password - 1369 is always valid.

Area/Time Zone/ Parental Age

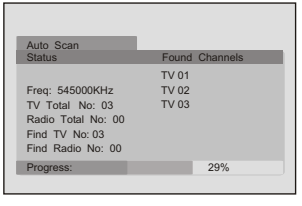
- Area: Choose the area/region you lived.
  Time zone: Choose the time zone you lived.
  Parental Age: Choose the parental age control level.



Auto Scan

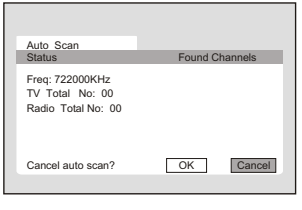
- There are two ways to start auto scan.
- In DVB mode, press PBC/SCAN key on the remote, then press ENTER to confirm.

  1. In DVB mode, Press " Setup" key.
  2: Go to DVB-T Setup page.
  3. Go to Channel Setup.
  4. Go to Auto Scan and select " Start" .
  5. Press ENTER.



When all the digital TV and Radio stations have been found, the scan progress will go to 100%, the program will play automatically after 3 seconds.

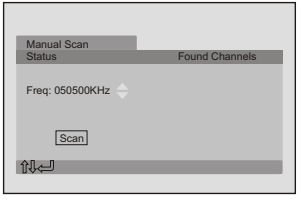
- Press PBC/SCAN key on the process of channel search, Select OK, you may exit channel scan; Select Cancel, channel scan would continue.



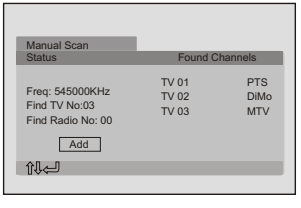
DVB-T Introduction

Manual Scan

- 1.Press Setup key.
  2.Go to DVB-T page.
  3.Go to channel Setup.
  4.Go to manual Scan and select " Start".
  5.Press ENTER key.



- Press ▲ & ▼ keys to select the frequency you want
  Press number buttons on the remote directly
  Press the ENTER button twice to confirm Scan, or press PBC/SCAN key to cancel manual scan.
  The Unit will scan for all the digital TV and radio stations available in your area and list them below Found Channels.



When all the digital TV and radio stations have been found, Select Add can add channels.
Press PBC/SCAN key to exit manual scan page and start to play program.

Teletext

- Pressing the Angle/TTX button to turn on/off teletext stream display.

Operation
Number key0-9:Main Page(800 pages)
▲▼ arrow key: next/previous page
◄► arrow key: sub page jump(283 pages)

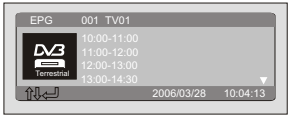
Note:
When you press Audio button you can use the buttons as follow

Yellow/ZOOM : turn the text double
Red/MENU :Hold the current page
Green/ ⏮ :Reveal the especial information.
Blue/ ⏭ :Adjust the Mix

DVB-T Introduction

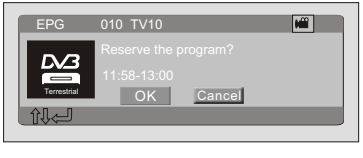
EPG

- EPG(Electronic Program Guide)
  The EPG menu is used to look at what is being broadcast on a TV or radio channel later in the day.
  1.To access the EPG menu, pressing PRO/EPG key on the remote control.
  2.Select program on the EPG Menu and pop up a program list of this channel in the day.



Reserve Channel

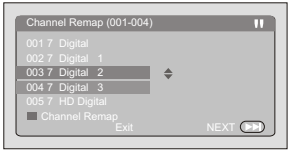
- Reserve channel is to remind you that the TV program will start at your preset time.
  1.To access the EPG menu, pressing PRO/EPG key on the remote control.
  2.Select program on the EPG Menu and pop up a program list of this channel in the day.
  3.Press ENTER key on the remote and pop up a selection menu.
  4.Select OK to reserve this program.

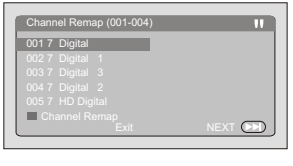


- Press Play key to see the Reserve Program Info.
- Select Delete to cancel the program reserve, the channel name would disappear from reserve program list.
- Select OK to return to reserve program page.

Channel Remap

- The Channel Remap option allow you to select how your channels will be ordered in the channel list.
  1. Press Setup key.
  2.Go to the DVB-T Setup.
  3.Go to channel Setup.
  4.Go to Channel remap and select " Start".
  5.Use ▲▼ keys to remove high-light to select the channel you want to remap, then remove high-light to your target place.
  6.Press ENTER key.



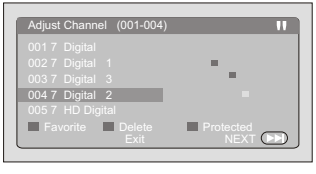


Adjust Channel

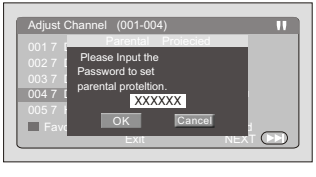
- Adjust channel allow you to add delete your favourite channels and add your protected channels.

  Press key◀◀ /FAV to set favorite channel, a red icon display beside the channel name.

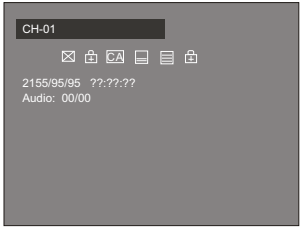
  Press key REPEAT/DEL to set delete channel, a cyan icon display beside the channel name.



- Press key ▶▶ /PROT to set protect channel ,you will see the Parental Protected box.
  Enter the pin code(136900) and then select OK to confirm, a yellow icon will display beside the channel name.
  Select Cancel to return.

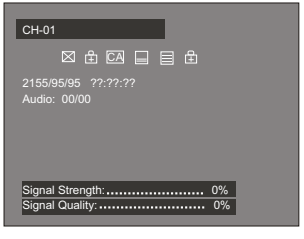


OSD



Press DISPLAY key once/twice

- Means a deleted channel
- Means a locked channel
- Means a screambled channel
- Has subtitle
- Has teletext
- Means a favorite channel



Information on disc compatibility

- Disc formats supported by this DVD player:

	DISC LOGO	CONTENTS	SIZE	MAXIMUM TIME
DVD DVD-R DVD+R DVD-RW DVD+RW	DVD VIDEO	Audio+Video	12cm	133min(SS-SL)
				242min(SS-DL)
				266min(DS-SL)
CD	COMPACT DISC DIGITAL AUDIO	Audio		484min(DS-DL)
			12cm	74min
Picture	**Kodak picture CD**	Images (high resolution despite compression)	12cm	

The operating characteristics of some DVD discs are specified by the software maker. Please refer to the instruction manual supplied with the disc for further instructions.

This DVD Player will play most recordable (CD-R) OR re-writable (CD-RW) CDs, and most recordable (DVD-R, DVD+R) or re-writable (DVD-RW, DVD+RW) DVDs. In some cases, discs created by a computer must be finalised in order to enable playback.
Discs created by some computers and/or software programs may not be compatible. This will affect playback but is not a defect of this device.

- **Region code**
This DVD player is designed and manufactured for playback of region "2" encoded DVD software.
This unit can play only DVD discs labeled "2" or "ALL".

- Disc terminology:

Title:
Generally, pictures or music compressed on a DVD are divided into several sections, called titles .
Chapter:
A chapter is a smaller segment of video, picture or music within a DVD under the title. A title is comprised of one or more chapters, each numbered for easy searching. Some discs may not have chapters.
Track:
A track is a segment of music on a CD or another type of disc.
Each track is numbered for easy searching.

Care of Discs
1. Hold the disc by placing your fingers in the centre and around the edges. Do not touch the disc surface.
2. Do not bend the disc.

3. Do not expose the disc to direct sunlight or heating sources.
Store discs in their cases, vertically, and in dry conditions.

Prevent exposure to:
Direct sunlight
Heat
Extreme humidity

Clean the disc surface with a soft, dry cleaning cloth, Wipe the disc surface gently, from the centre towards the outer edge.

Do not apply thinner, alcohol, chemical solvent, or sprays when cleaning. Such cleaning fluids may permanently damage the disc surface.

Troubleshooting

Should you experience problems, please consult the troubleshooting guide below first.

Symptom	Possible Fault	Remedy
TV MODE		
The appliance does not work. No LED	Power not connected to the mains. The fuse of the car adapter is blown	Check the AC/DC adapter and AC mains cable are properly connected. Replace the fuse with same capacity
The appliance does not work.	The appliance is in standby mode.	Press the power button on the remote control or TV.
No picture.	Backlight off	The appliance is faulty
	TV in VGA Mode	Select TV or DVBT mode, or reconnect the appliance to the PC. Ensure correct AV IN/OUT Setting
No picture. Blue screen	Set not tuned in.	Tune TV to local stations
	Aerial not connected	Connect a good aerial signal.
	Set switched to VGA mode	Select TV or DVBT mode.
Bad quality sound or picture.	Poor signal	If using an indoor aerial, replace it with an outdoor aerial and try searching again. Carry out fine tuning.
No sound	Volume turned down or Mute set.	Turn the volume up or switch off mute.
Teletext incomplete or breaking up	Poor signal	Check the aerial. Have a new outdoor aerial fitted.
DVD mode		
The appliance will not play discs	Disc inserted incorrectly	Insert disc correctly. The disc must be inserted with the playback side facing the back.
	The disc is dirty or damaged.	Clean disc and check for damage. Try another disc.
Player will not eject disc.	Player is malfunctioning.	Turn off the TV completely, wait for 30 seconds and turn it back on.

USB, SD/MMC/MS		
Unable to insert a USB device or SD/MMC/MS card	The device or card is inserted the wrong way around.	Insert the device or card the right way around.
USB, SD/MMC/MS device is not read	Some external hard disks may not be supported. Hard disks that have built-in power supply should be favoured. NTFS format is not supported. Check if the USB device file system is in FAT or FAT32 format.	
Remote control		
The remote control is not working	Batteries are low or empty.	Change the batteries. If is the remote control is used frequently, change the batteries every 6 months.
	An object is blocking the remote control infrared signal.	Move objects that are between the appliance and the remote control.
Intermittent operation.	Batteries are low. Ambient light is too strong.	Change batteries. Do not place a strong light source near the infrared receptor.

Technical Specifications

TV

TV System	PAL BG/DK/I SECAM L/L'
Screen size	10.2" (diagonal)
Aspect ratio	16:9
Resolution	800X3(RGB)X480
View angle	65 (left)x65 (right) x45 (up)x65 (down)
Brightness (cd/m^2)	250(cd/m^2)
Contrast	300:1
Response time	35 ms
Aerial input	75 ohm
Audio output	2x2 W
Mains power	DC 9V/2A
Power consumption	15W
Dimensions	270X120.6X254MM (include stand & handgrip) 270x58x222MM
Weight	2.15kg
Car adaptor	1.5A Fuse

DVD player

Discs and files supported	DVD, DVD+R/RW, DVD-R/RW, CD-DA, CD-R/RW, MP3, JPEG, SVCD, VCD2.0, MPEG4,
TV system	PAL/NTSC

DVB-T Recciver

Frequency	VHF: 170MHz-230MHz UHF: 470MHz-860MHz
Subtitle support	YES
Teltext support	YES
Program scan	Auto/Manual

USB, card

USB port type	1.1
USB maximum handling capacity	2GB (Flash memory)
Card type	SD/MMC/MS
Card maximum handling capacity	2GB (Flash memory)

Remote control

Type	infrared
Operating distance	5 m
Operating angle	30 (horizontal)
Batteries	2 x 1.5 V, size AAA
Dimensions	55 x 117.5 x 14 mm
Weight	36 g (without batteries)

Note: due to continuing improvements, these technical specifications are subject to change without notice.

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DENVER®

www.denver-electronics.com

Please fill the blank with the model number of this player for future reference

Model no.:

Instructions on environment protection

Do not dispose of this product in the usual household garbage at the end of its lifecycle; hand it over at a collection point for the recycling of electrical and electronic appliances. The symbol on the product, the instructions for use or the packing will inform about the methods for disposal.
The materials are recyclable as mentioned in this marking. By recycling, material recycling or other forms of re-utilization of old appliances, you are making an important contribution to protect our environment.
Please inquire at the community administration for the authorized disposal location.